AMENDMENTS TO THE CLAIMS

Please amend the claims as follows, and please cancel the claims marked as cancelled without prejudice to their filing in a continuation or divisional application.

1. (Currently Amended) An autonomous in vivo sensing device comprising a sensor and a degradable [[an]] immobilizer, said sensing device to collect data relating to changes in in-vivo environmental conditions, said sensing device to transmit said data, and said immobilizer capable of being activated in response to a signal, wherein said signal is issued in response to an environmental condition related to said data.

2. (Cancelled)

3. (Currently Amended) The device as in claim [[2]] 1, wherein [[said]] the device collects data within a body lumen, and a processor external to the device issues said signal ~~in response to an instruction received from outside a body lumen~~.

4. (Cancelled)

5. (Currently Amended) The device as in claim [[4]] 1, wherein said immobilizer is capable of degrading upon exposure to in vivo conditions.

6. (Canceled)

7. (Currently Amended) The device as in claim 1, wherein said ~~sensing device~~ sensor comprises an imager.

8. (Original) The device as in claim 1, wherein said immobilizer comprises an anchor.

9. (Original) The device as in claim 8, wherein said anchor is a pointed anchor.

10. (Original) The device as in claim 1, wherein said immobilizer comprises a spring.

11. (Original) The device as in claim 10, wherein said spring is releasably attached to a fuse.

12. (Original) The device as in claim 1, wherein said immobilizer comprises a composition delivery unit.

13. (Original) The device as in claim 12, wherein said composition comprises a drug.

14. (Withdrawn) The device as in claim 1, wherein said immobilizer comprises a gripper and an actuator.

15. (Withdrawn) The device as in claim 14, wherein said gripper is to remove a sample of

said tissue.

16. (Original) The device as in claim 1, comprising a power source.

17. (Currently Amended) An autonomous in vivo capsule comprising a sensor and a degradable [[an]] immobilization unit, said sensing device to collect data relating to changes in in-vivo environmental conditions, said sensing device to transmit said data, and said immobilization unit capable of being activated in response to a signal, wherein said signal is issued in response to an environmental condition related to said data.

18. (Original) The capsule as in claim 17, wherein said signal is sent from outside of a body lumen.

19. (Original) The capsule as in claim 17, comprising an anchor.

20. (Currently Amended) The capsule as in claim 17, said sensor comprising an imager.

21. (Cancelled).

22. (Currently Amended) A method of monitoring an in vivo site, the method comprising:

sensing, in an in-vivo device, data relating to a change in in-vivo environmental conditions;

transmitting said data;

generating a signal in response to an environmental condition related to said data to activate [[an]] a degradable immobilizer attached to [[an]] the in vivo device;

immobilizing said device proximate to an in vivo site to be monitored; and

monitoring said in vivo site with said device.

23. (Original) The method as in claim 22, wherein said immobilizing comprises bringing an immobilizer into contact with an endo-luminal tissue.

24. (Original) The method as in claim 22, wherein said immobilizing comprises releasing a spring holding said immobilizer.

25. (Original) The method as in claim 24, wherein said releasing a spring comprises burning a fuse holding said spring.

26. (Original) The method as in claim 22, comprising releasing a composition into said in vivo site.

27. (Withdrawn) The method as in claim 22, wherein said immobilizing comprises

gripping an endo-luminal tissue.

28. (Withdrawn) The method of claim 27, comprising removing a sample of said endo-luminal tissue with a gripper.

29. (Original) The method as in claim 22, comprising freeing said device from said in vivo site.

30. (Original) The method as in claim 29, wherein said freeing comprises degrading an immobilizer.

31. (Original) The method as in claim 22, wherein said immobilizing said device comprises transiently immobilizing said device.

32. (Original) The method as in claim 22, wherein said monitoring comprises capturing images of said in vivo site.

33. (Currently Amended) A method for immobilizing an autonomous in vivo device ~~comprising~~ comprising:

sensing, at an in-vivo device, data relating to a change in in-vivo environmental conditions;

transmitting said data; and

generating a signal in response to an environmental condition related to said data to activate [[an]] a degradable immobilizer attached to said in vivo device.

34. (Currently Amended) The method as in claim 33, comprising immobilizing said device proximate to an in vivo site to be ~~monitored;~~ monitored.

35. (Currently Amended) An in vivo sensing system comprising:

an immobilizable housing;

a sensor attached to said housing; and

a controller to activate [[an]] a degradable immobilization unit of said housing in response to an environmental condition detected by said sensor.

36. (Original) The system as in claim 35, wherein said sensor is an imager.

37. (Original) The system as in claim 35, wherein said immobilizable unit comprises a pointed anchor.

38. (Original) The system as in claim 35, comprising a transmitter.